

Serial Number:

09/819,097

CRF Processing Date:

1/9/2002

Edited by:

Verified by:

(STIC stat

**ENTERED**

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- ☐ Corrected the SEO ID NO when obviously incorrect. The sequence numbers that were edited were:
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEO ID NO's edited:
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file;  
☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically:
- ☐ Corrected an obvious error in the response, specifically:
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

A7

OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/819,097

DATE: 01/09/2002

TIME: 08:14:18

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01092002\I819097.raw

3 <110> APPLICANT: Douglas, Andrea M.  
 4 Begley, Colin G.  
 6 <120> TITLE OF INVENTION: CYTOKINES AND THEIR USE IN TREATMENT AND/OR PROPHYLAXIS  
 7 OF BREAST CANCER  
 9 <130> FILE REFERENCE: 11375Z  
 11 <140> CURRENT APPLICATION NUMBER: 09/819,097  
 12 <141> CURRENT FILING DATE: 2001-03-05  
 14 <150> PRIOR APPLICATION NUMBER: 09/051,939  
 15 <151> PRIOR FILING DATE: 1998-10-16  
 17 <160> NUMBER OF SEQ ID NOS: 28  
 19 <170> SOFTWARE: PatentIn Ver. 2.1  
 21 <210> SEQ ID NO: 1  
 22 <211> LENGTH: 41  
 23 <212> TYPE: DNA  
 24 <213> ORGANISM: Artificial Sequence  
 26 <220> FEATURE:  
 27 <223> OTHER INFORMATION: Description of Artificial Sequence:gp130  
 28 oligonucleotide probe  
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 31 gaggtgtgag tgggatgggtg ggctgcatct gatttgccaa c 41  
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 35 <211> LENGTH: 25  
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 39 <220> FEATURE:  
 40 <223> OTHER INFORMATION: Description of Artificial Sequence:gp130  
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 43 <400> SEQUENCE: 2  
 44 gggcaacaca caagtttgct gattg 25  
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 48 <211> LENGTH: 40  
 49 <212> TYPE: DNA  
 50 <213> ORGANISM: Artificial Sequence  
 52 <220> FEATURE:  
 53 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-6R  
 54 oligonucleotide probe  
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 57 gtttcagaac agtccggccg cttgccttcg ttcagagccc 40  
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 62 <212> TYPE: DNA  
 63 <213> ORGANISM: Artificial Sequence  
 65 <220> FEATURE:  
 66 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-6R  
 67 oligonucleotide probe  
 69 <400> SEQUENCE: 4  
 70 caggagccgt gccagtattc ccagg 25

## RAW SEQUENCE LISTING

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Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01092002\I819097.raw

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78 <220> FEATURE:
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83 ccctctggaa caggccgtgg caaggggcag tttgtatggc c           41
86 <210> SEQ ID NO: 6
87 <211> LENGTH: 26
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence:LIFR
93     oligonucleotide probe
95 <400> SEQUENCE: 6
96 gaagtttgca ttgaaaacag gtcccg           26
99 <210> SEQ ID NO: 7
100 <211> LENGTH: 40
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
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105 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-11R
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109 ctgagttctg gagccagtac ggtgtggttg gagggagggc           40
112 <210> SEQ ID NO: 8
113 <211> LENGTH: 25
114 <212> TYPE: DNA
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-11R
119     oligonucleotide probe
121 <400> SEQUENCE: 8
122 gtgactgagg tgaaccact ggggtg           25
125 <210> SEQ ID NO: 9
126 <211> LENGTH: 40
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Description of Artificial Sequence:CNTFR
132     oligonucleotide probe
134 <400> SEQUENCE: 9
135 gtgggcctgc tgtgctgtgc ccagccggcg agggttgctg           40
138 <210> SEQ ID NO: 10
139 <211> LENGTH: 24
140 <212> TYPE: DNA
141 <213> ORGANISM: Artificial Sequence

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## RAW SEQUENCE LISTING

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Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01092002\I819097.raw

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143 <220> FEATURE:
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145     oligonucleotide probe
147 <400> SEQUENCE: 10
148 cgccgcagtt gtctacgccc agag                                24
151 <210> SEQ ID NO: 11
152 <211> LENGTH: 42
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Description of Artificial Sequence:G-CSFR
158     oligonucleotide probe
160 <400> SEQUENCE: 11
161 gctgcatcta aagcacattg gagatggtga gagcctgggc tg          42
164 <210> SEQ ID NO: 12
165 <211> LENGTH: 25
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Description of Artificial Sequence:G-CSFR
171     oligonucleotide probe
173 <400> SEQUENCE: 12
174 gacctgggca cagctggagt ggggtg                                25
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178 <211> LENGTH: 40
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Description of Artificial Sequence:PLR
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186 <400> SEQUENCE: 13
187 cagactacat aaccggtggc tggcatccca aggcaactcag          40
190 <210> SEQ ID NO: 14
191 <211> LENGTH: 25
192 <212> TYPE: DNA
193 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:
196 <223> OTHER INFORMATION: Description of Artificial Sequence:PLR
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200 caagcagtac acctccatgt ggagg                                25
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204 <211> LENGTH: 40
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
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212 <400> SEQUENCE: 15

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/819,097

DATE: 01/09/2002

TIME: 08:14:18

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01092002\I819097.raw

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221 <220> FEATURE:
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223     oligonucleotide probe
225 <400> SEQUENCE: 16
226 ggcgagttca gtgaggtgct ctatg                          25
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230 <211> LENGTH: 40
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Description of Artificial Sequence:GM-CSFR
236     ( oligonucleotide probe
238 <400> SEQUENCE: 17
239 ccaccaggta ctgggccagg gagggaccag ttgcacctgc          40
242 <210> SEQ ID NO: 18
243 <211> LENGTH: 25
244 <212> TYPE: DNA
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Description of Artificial Sequence:GM-CSFR
249     ( oligonucleotide probe
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252 gcaccggcta caacgggatc tggag                          25
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256 <211> LENGTH: 40
257 <212> TYPE: DNA
258 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: Description of Artificial Sequence:GM-CSFR
262     ( oligonucleotide probe
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265 ggaagggagg gtaccgctgc cttgaccacc accctgcctc          40
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270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Description of Artificial Sequence:GM-CSFR
275     ( oligonucleotide probe
277 <400> SEQUENCE: 20
278 ctgtacctgg gcgagggggtc cgacg                          25
281 <210> SEQ ID NO: 21
282 <211> LENGTH: 40
283 <212> TYPE: DNA

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/819,097

DATE: 01/09/2002

TIME: 08:14:18

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01092002\I819097.raw

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286 <220> FEATURE:
287 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-2R (
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295 <211> LENGTH: 25
296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-2R (
301     oligonucleotide probe
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304 cagcagctct gagccccagc ctacc          25
307 <210> SEQ ID NO: 23
308 <211> LENGTH: 40
309 <212> TYPE: DNA
310 <213> ORGANISM: Artificial Sequence
312 <220> FEATURE:
313 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-3R (
314     oligonucleotide probe
316 <400> SEQUENCE: 23
317 gccgactatt ctatgccggc cgttttggaa gctgtcacccg          40
320 <210> SEQ ID NO: 24
321 <211> LENGTH: 25
322 <212> TYPE: DNA
323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-3R (
327     oligonucleotide probe
329 <400> SEQUENCE: 24
330 ccgtccgagt ggccaaccga ccatt          25
333 <210> SEQ ID NO: 25
334 <211> LENGTH: 40
335 <212> TYPE: DNA
336 <213> ORGANISM: Artificial Sequence
338 <220> FEATURE:
339 <223> OTHER INFORMATION: Description of Artificial Sequence:ER
340     oligonucleotide probe
342 <400> SEQUENCE: 25
343 gtgtacaact accccgaggg ctcatgtctc cagcagaccc          40
346 <210> SEQ ID NO: 26
347 <211> LENGTH: 25
348 <212> TYPE: DNA
349 <213> ORGANISM: Artificial Sequence
351 <220> FEATURE:
352 <223> OTHER INFORMATION: Description of Artificial Sequence:ER
353     oligonucleotide probe

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/819,097

DATE: 01/09/2002

TIME: 08:14:19

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01092002\I819097.raw

OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/819,097

DATE: 01/02/2002

TIME: 13:08:08

Input Set : A:\11375Z.txt

Output Set: N:\CRF3\01022002\I819097.raw

**Does Not Comply  
Corrected Diskette Needed**

3 <110> APPLICANT: Douglas, Andrea M.  
 4 Begley, Colin G.  
 6 <120> TITLE OF INVENTION: CYTOKINES AND THEIR USE IN TREATMENT AND/OR PROPHYLAXIS  
 7 OF BREAST CANCER  
 9 <130> FILE REFERENCE: 11375Z  
 11 <140> CURRENT APPLICATION NUMBER: 09/819,097  
 12 <141> CURRENT FILING DATE: 2001-03-05  
 14 <150> PRIOR APPLICATION NUMBER: 09/051,939  
 15 <151> PRIOR FILING DATE: 1998-10-16  
 17 <160> NUMBER OF SEQ ID NOS: 28  
 19 <170> SOFTWARE: PatentIn Ver. 2.1

## ERRORED SEQUENCES

372 <210> SEQ ID NO: 28  
 373 <211> LENGTH: 25  
 374 <212> TYPE: DNA  
 375 <213> ORGANISM: Artificial Sequence  
 377 <220> FEATURE:  
 378 <223> OTHER INFORMATION: Description of Artificial Sequence: (-ACTIN  
 379 oligonucleotide probe  
 381 <400> SEQUENCE: 28  
 382 ggacgaggcc cagagcaaga gaggc 25  
 E--> 388 ①



VERIFICATION SUMMARY

PATENT APPLICATION: US/09/819,097

DATE: 01/02/2002

TIME: 13:08:09

Input Set : A:\11375Z.txt

Output Set: N:\CRF3\01022002\I819097.raw

L:388 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:25 SEQ:28